AUDIO STATUS COMMUNICATION FROM AN EMBEDDED DEVICE

5 ABSTRACT OF THE DISCLOSURE

An embedded device configured to provide an audio status output is disclosed. The embedded device includes a processor, an input button in electronic communication with the processor and a speaker in electronic communication with the processor for outputting an audio

10 output. Memory is used for storing data. An audio output generator is stored in the memory and operates to generate the audio status output. The audio generator receives a generate audio command initiated by a user through use of the input button. The generator then operates to convert the status data to audio output data through use of an audio generation table. The audio output data includes multiple distinct audio signals that are machine-decipherable and that

15 correspond to individual data elements of the status data. The audio output data is provided to the speaker such that the audio output based on the audio output data is generated.

20

Docket No.: 2291.2.19